

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Jeff A. ZABLOCKI et al.  
Title: N-PYRAZOLE A2A ADENOSINE  
RECEPTOR AGONISTS  
Patent No.: 6,403,567  
Issue Date: 6/11/2002  
Examiner: Lawrence E. CRANE  
Art Unit: 1623  
Confirmation Number: 1072

**REQUEST FOR CERTIFICATE OF CORRECTION**  
**PURSUANT TO 37 C.F.R. § 1.323 and § 1.322(a)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed, in duplicate, is a Certificate of Correction, Form PTO/SB/44, for United States Patent Number 6,403,567 issued June 11, 2002.

Patentee submits that the noted errors do not constitute new matter, and correction thereof would not require reexamination. Specifically, the errors are typographical in nature, a mistake of minor character, or are printing errors. The corrections requested are listed in the Certificate of Correction filed herewith.

Pursuant to 37 C.F.R. § 1.323 and § 1.322(a), Patentee requests that the enclosed Certificate of Correction be approved.

Since at least one of the noted errors is not the fault of the Patent Office, payment is enclosed of the required fee of \$100.00.

The above-identified fee is being paid by credit card via EFS-Web.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by the credit card payment form being unsigned, providing incorrect information resulting in a rejected credit card transaction, or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date Dec. 21, 2011

By Lorna L. Tanner

FOLEY & LARDNER LLP  
Customer Number: 88984  
Telephone: (650) 251-1104  
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Lorna L. Tanner  
Attorney for Patentee  
Registration No. 50,782

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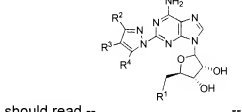
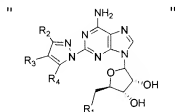
## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,403,567  
APPLICATION NO. : 09/338,185  
DATED : 6/11/2002  
INVENTOR(S) : Zablocki; Elzein; Palle

Page 1 of 7

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### IN THE ABSTRACT



### IN THE SPECIFICATION

#### Column 1

Line 11, "such poor" should read --such as poor--;  
Line 22, "mean" should read --means--;  
Line 30, "drugs such" should read --drugs, such--;  
Line 32, "A3" should read --A<sub>3</sub>--;  
Line 32, "in a mast" should read --in mast--;  
Line 33, "give" should read --given--;  
Line 36, "A-V mode" should read --AV node--;  
Line 40, "for the nausea" should read --for nausea--;  
Line 60, "N-pyrazole" should read --N-pyrazoles--.

#### Column 2

Line 17, "vasodilatation" should read --vasodilation--;  
Line 18, "induced" should read --and inducing a--;

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Page 2 of 7

DATED : 6/11/2002

INVENTOR(S) : Zablocki, Elzein; Palle

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Line 42, "R<sup>1</sup> = CH<sub>2</sub>OH, -CONR<sub>5</sub>R<sub>6</sub>" should read --R<sup>1</sup> = CH<sub>2</sub>OH or -CONR<sup>5</sup>R<sup>6</sup>--;  
 Line 60, "CON(R<sub>20</sub>)<sub>2</sub>" should read --CON(R<sup>20</sup>)<sub>2</sub>--;  
 Line 63, delete "substituted" after optional.

## Column 3

Line 5, "group of" should read --group consisting of--;  
 Line 13, delete "substituted" after optional;  
 Line 17, "CON(R<sup>20</sup>)<sub>2</sub>" should read --CON(R<sup>20</sup>)<sub>2</sub>--;  
 Line 25, "the group of" should read --the group consisting of--;  
 Line 28, "NR<sup>20</sup>CO<sub>2</sub>R<sub>22</sub>" should read --NR<sup>20</sup>CO<sub>2</sub>R<sup>22</sup>--;  
 Lines 32 and 52, delete "substituted" after optional;  
 Line 47, "N(R<sub>20</sub>)<sub>2</sub>" should read --N(R<sup>20</sup>)<sub>2</sub>--;  
 Line 49, "CON(R<sub>20</sub>)<sub>2</sub>" should read --CON(R<sup>20</sup>)<sub>2</sub>--.

## Column 4

Lines 22 and 49, "CF<sub>3</sub> CN" should read --CF<sub>3</sub>, CN--;  
 Line 23, "group of" should read --group consisting of--;  
 Line 23, "C<sub>1</sub>-C<sub>15</sub>" should read --C<sub>1-15</sub>--;  
 Line 24, "substituent and" should read --substituent, and--;  
 Line 24, delete "that";  
 Lines 30 and 47, "CN, OR<sup>20</sup>" should read --CN, and OR<sup>20</sup>--;  
 Line 38, "group" should read --groups--;  
 Line 56, "from of hydrogen," should read --from hydrogen--;  
 Line 62, "in that aryl is" should read --wherein the aryl substituent is--;  
 Line 66, "hydrogen, and" should read --hydrogen and--.

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Page 3 of 7

DATED : 6/11/2002

INVENTOR(S) : Zablocki, Elzein; Palle

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

## Column 5

Line 6, "C<sub>1-3</sub>" should read --C<sub>1-3</sub> alkyl--;

Line 9, "ethyl1-" should read --ethyl 1--.

## Column 6

Line 28, "branched alkenyl" should read --branched alkynyl--.

## Column 7

Line 2, "by" should read --be--;

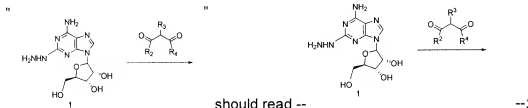
Line 3, "hetaryl, substituted hetaryl" should read --hetaryl, or substituted hetaryl--.

## Column 8

Line 2, "Heterocycl" should read --Heterocycl--;

Line 12, "mono or poly substituted" should read --mono- or poly-substituted--.

## Column 9



Lines 9-22,

should read --

--;

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CERTIFICATE OF CORRECTION

PATENT NO. : 6,403,567

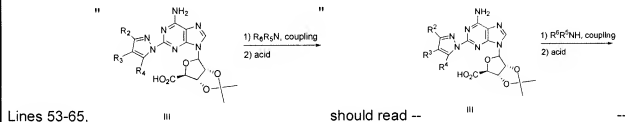
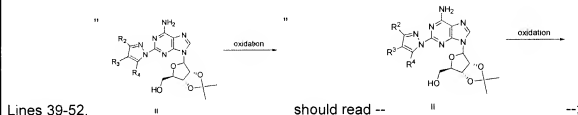
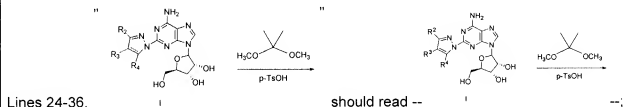
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INVENTOR(S) : Zablocki, Elzein, Palle

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CERTIFICATE OF CORRECTION

PATENT NO. : 6,403,567

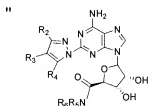
APPLICATION NO. : 09/338,185

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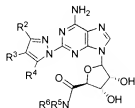
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INVENTOR(S) : Zablocki; Elzein; Palle

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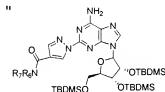
Column 10

IV

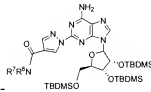


IV

Lines 2-15, IV should read --;

Line 30, "HNR<sup>6</sup>R<sup>7n</sup>" should read --HNR<sup>6</sup>R<sup>5</sup>--.Column 11

Lines 15-25, TBMSO OTBDMS should read --



--;

Line 34, "HNR<sup>6</sup>R<sup>7n</sup>" should read --HNR<sup>7</sup>R<sup>8</sup>--.

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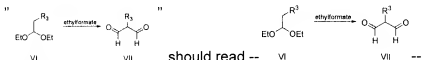
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DATED	:	6/11/2002
INVENTOR(S)	:	Zablocki; Elzein; Palle

Page 6 of 7

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Line 57, "CH<sub>3</sub>NH<sub>2</sub>" should read --CH<sub>3</sub>NH<sub>2</sub>--.

Line 27. "80 ° C." should read --80° C--.



Lines 31-39, VI VII should read --  
 Line 50, "A1" should read --A1--;  
 Line 51, "AV-node" should read --AV node--;  
 Line 52, "side-effects" should read --side effects--;  
 Line 58, "vasodilatation" should read --vasodilation--.

Line 14, "biological" should read --biologically--;  
Line 25, "proteinase" should read --proteinases--;  
Line 31, "agents" should read --agent--.

Line 60, "--((0.019 g, 0.12 mmol)" should read --(0.019 g, 0.12 mmol)--;  
Line 61, "heated [heated]" should read --heated--;  
Line 61, "80° C. for" should read --80° C for--.

Lines 27 and 62, "80° C. for" should read --80° C for--.

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PATENT NO. : 6,403,567

APPLICATION NO. : 09/338,185

Page 7 of 7

DATED : 6/11/2002

INVENTOR(S) : Zablocki; Elzein; Palle

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

## Column 17

Line 28, "80° C. for" should read --80° C for--;

Line 62, "heated at 65° C. in for" should read --was heated at 65° C for--.

## Column 18

Line 27, "Δ3.75" should read --δ 3.75--;

Line 35, "A2A" should read --A<sub>2A</sub>--;

Line 45, "nM ." should read --nM.--;

Line 45, "23° C. for" should read --23° C for--;

Line 51, "Ki's." should read --Ki's--.

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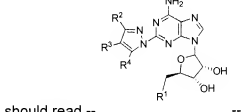
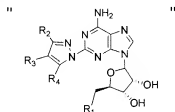
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### IN THE SPECIFICATION

#### Column 1

Line 11, "such poor" should read --such as poor--;  
Line 22, "mean" should read --means--;  
Line 30, "drugs such" should read --drugs, such--;  
Line 32, "A3" should read --A<sub>3</sub>--;  
Line 32, "in a mast" should read --in mast--;  
Line 33, "give" should read --given--;  
Line 36, "A-V mode" should read --AV node--;  
Line 40, "for the nausea" should read --for nausea--;  
Line 60, "N-pyrazole" should read --N-pyrazoles--.

#### Column 2

Line 17, "vasodilatation" should read --vasodilation--;  
Line 18, "induced" should read --and inducing a--;

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Line 42, " $R^1 = CH_2OH$ ,  $-CONR_5R_6$ " should read  $--R^1 = CH_2OH$  or  $-CONR^5R^{6--}$ ;  
 Line 60, " $CON(R_{20})_2$ " should read  $--CON(R^{20})_2--$ ;  
 Line 63, delete "substituted" after optional.

## Column 3

Line 5, "group of" should read  $--group$  consisting of--;  
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 Line 25, "the group of" should read  $--the$  group consisting of--;  
 Line 28, " $NR^{20}CO_2R^{22}$ " should read  $--NR^{20}CO_2R^{22}, --$ ;  
 Lines 32 and 52, delete "substituted" after optional;  
 Line 47, " $N(R_{20})_2$ " should read  $--N(R^{20})_2--$ ;  
 Line 49, " $CON(R_{20})_2$ " should read  $--CON(R^{20})_2--$ .

## Column 4

Lines 22 and 49, " $CF_3$  CN" should read  $--CF_3$ , CN--;  
 Line 23, "group of" should read  $--group$  consisting of--;  
 Line 23, " $C_1-C_{15}$ " should read  $--C_{1-15--}$ ;  
 Line 24, "substituent and" should read  $--substituent$ , and--;  
 Line 24, delete "that";  
 Lines 30 and 47, "CN,  $OR^{20}$ " should read  $--CN$ , and  $OR^{20--}$ ;  
 Line 38, "group" should read  $--groups--$ ;  
 Line 56, "from of hydrogen," should read  $--from$  hydrogen--;  
 Line 62, "in that aryl is" should read  $--wherein$  the aryl substituent is--;  
 Line 66, "hydrogen, and" should read  $--hydrogen$  and--.

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## Column 5

Line 6, "C<sub>1-3</sub>" should read --C<sub>1-3</sub> alkyl--;

Line 9, "ethyl1-" should read --ethyl 1--.

## Column 6

Line 28, "branched alkenyl" should read --branched alkynyl--.

## Column 7

Line 2, "by" should read --be--;

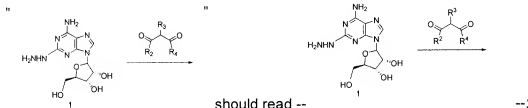
Line 3, "hetaryl, substituted hetaryl" should read --hetaryl, or substituted hetaryl--.

## Column 8

Line 2, "Heterocycl" should read --Heterocycl--;

Line 12, "mono or poly substituted" should read --mono- or poly-substituted--.

## Column 9



Lines 9-22,

should read --

--;

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(Also Form PTO-1050)UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 6,403,567

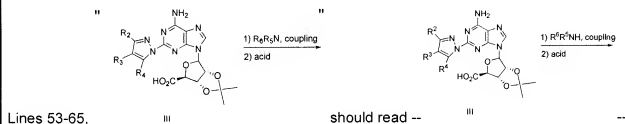
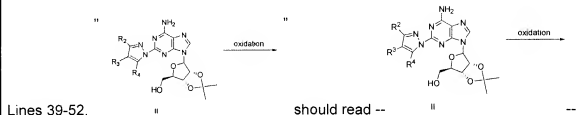
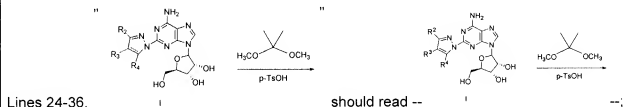
APPLICATION NO. : 09/338,185

Page 4 of 7

DATED : 6/11/2002

INVENTOR(S) : Zablocki, Elzein, Palle

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:



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PATENT NO. : 6,403,567

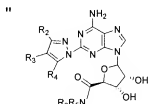
APPLICATION NO. : 09/338,185

Page 5 of 7

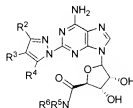
DATED : 6/11/2002

INVENTOR(S) : Zablocki; Elzein; Palle

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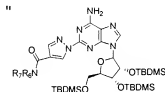
Column 10

IV

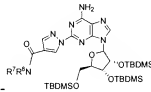


IV

Lines 2-15, IV should read --;

Line 30, "HNR<sup>6</sup>R<sup>7n</sup>" should read --HNR<sup>6</sup>R<sup>6</sup>--.Column 11

Lines 15-25, TBDSO OTBDMS should read --



--;

Line 34, "HNR<sup>6</sup>R<sup>7n</sup>" should read --HNR<sup>7</sup>R<sup>8</sup>--.

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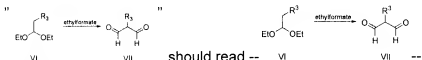
PATENT NO.	:	6,403,567
APPLICATION NO.	:	09/338,185
DATED	:	6/11/2002
INVENTOR(S)	:	Zablocki; Elzein; Palles

Page 6 of 7

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Line 57, "CH<sub>3</sub>NH<sub>2</sub>" should read --CH<sub>3</sub>NH<sub>2</sub>--.

Line 27. "80 ° C." should read --80° C--.



Lines 31-39, VI VII should read --  
 Line 50, "A1" should read --A1--;  
 Line 51, "AV-node" should read --AV node--;  
 Line 52, "side-effects" should read --side effects--;  
 Line 58, "vasodilatation" should read --vasodilation--.

Line 14, "biological" should read --biologically--;  
Line 25, "proteinase" should read --proteinases--;  
Line 31, "agents" should read --agent--.

Line 60, "--((0.019 g, 0.12 mmol)" should read --(0.019 g, 0.12 mmol)--;  
Line 61, "heated [heated]" should read --heated--;  
Line 61, "80° C. for" should read --80° C for--.

Lines 27 and 62, "80° C. for" should read --80° C for--.

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PATENT NO. : 6,403,567

APPLICATION NO. : 09/338,185

Page 7 of 7

DATED : 6/11/2002

INVENTOR(S) : Zablocki; Elzein; Palle

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

## Column 17

Line 28, "80° C. for" should read --80° C for--;

Line 62, "heated at 65° C. in for" should read --was heated at 65° C for--.

## Column 18

Line 27, "Δ3.75" should read --δ 3.75--;

Line 35, "A2A" should read --A<sub>2A</sub>--;

Line 45, "nM ." should read --nM.--;

Line 45, "23° C. for" should read --23° C for--;

Line 51, "Ki's." should read --Ki's--.

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